

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	11	(IRWIN near DEAN).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/07 20:32
L2	8517	((606/3,8-10,20-26) or (607/88-92, 94) or (128/898)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/07 20:32
L3	5	1 and 2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/07 20:32
L4	0	((method process) AND treat\$5 AND epiderm\$2 AND disease\$1 AND tissue AND cool\$3 AND (below under lower) AND (zero "0") AND (ultraviolet uv) AND (dose dosage intensity) AND minimum AND erythema AND dose AND wavelength).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/07 20:40
L5	0	((method process) AND treat\$5 AND epiderm\$2 AND disease\$1 AND tissue AND cool\$3 AND (below under lower) AND (ultraviolet uv) AND (dose dosage intensity) AND minimum AND erythema AND dose AND wavelength).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/07 20:38
L6	2	((method process) AND treat\$5 AND epidermal AND disease\$1 AND tissue AND cool\$3 AND (ultraviolet uv) AND (dose dosage intensity) AND minimum AND erythema AND dose AND wavelength).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/07 20:41

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	((("6083218") or ("5979454")).PN.	USPAT; USOCR	OR	OFF	2006/07/10 11:07
S2	102252	excimer same laser (treat\$5 same (tissue skin))	USPAT	OR	OFF	2007/05/07 20:02
S3	1282	(606/8,9,20-27).CCLS.	USPAT; USOCR	OR	OFF	2006/07/10 11:24
S4	841	S2 and S3	USPAT	OR	OFF	2006/07/10 11:08
S5	86	S4 and '308'	USPAT	OR	OFF	2006/07/10 11:08
S6	49	S5 and (cool same (tissue skin body))	USPAT	OR	OFF	2006/07/10 11:09
S7	15	S6 and thermoelectric\$5	USPAT	OR	OFF	2006/07/10 12:16
S8	13	S6 and (thermoelectric\$5 same cool\$5)	USPAT	OR	OFF	2006/07/10 11:14
S9	18	S6 and ((thermoelectric\$5 peltier) same cool\$5)	USPAT	OR	OFF	2006/07/10 11:14
S10	4	S9 and excimer	USPAT	OR	OFF	2006/07/10 11:14
S11	2591	((606/8,9,20-27) or (607/88-92, 94)).CCLS.	USPAT; USOCR	OR	OFF	2006/07/10 11:24
S12	0	("11and(treat\$same(skin tissue))).PN.	USPAT; USOCR	OR	OFF	2006/07/10 11:25
S13	1313	S11 and (treat\$5 same (skin tissue))	USPAT	OR	OFF	2006/07/10 11:25
S14	67	S13 and (excimer adj laser)	USPAT	OR	OFF	2006/07/10 11:26
S15	260077	S14 and '308 nm'	USPAT	OR	OFF	2006/07/10 11:26
S16	0	S14 and '308nm'	USPAT	OR	OFF	2006/07/10 11:26
S17	31	S14 and '308'	USPAT	OR	OFF	2006/07/10 11:26
S18	9	S17 and (cool\$5 same (tissue skin))	USPAT	OR	OFF	2006/07/10 11:26
S19	3	S18 and (thermoelectric\$3 peltier)	USPAT	OR	OFF	2006/07/10 11:28
S20	6	S18 not S19	USPAT	OR	OFF	2006/07/10 11:28
S21	22	S17 not S18	USPAT	OR	OFF	2006/07/10 11:28
S22	1	("20050015124").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/07 19:39
S23	11	(IRWIN near DEAN).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/07 20:31

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S24	41	("20020183811" "20050015124" "3986513" "4095113" "4103175" "4558700" "4686979" "4891818" "4927231" "4930504" "5109465" "5217455" "5300097" "5392608" "5514168" "5595568" "5620478" "5658323" "5772656" "5820626" "5830208" "5836999" "5868731" "5944748" "5955840" "5964749" "5979454" "5989283" "5997530" "6017360" "6027495" "6083218" "6171301" "6208788" "6402511" "6413268" "6436127" "6447537" "6468077" "6709269" "RE36634").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/07 20:11
S25	8351	((606/3,8-10,20-26) or (607/88-92) or (128/898)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/07 20:13
S26	2	S23 and S25	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/07 20:14
S27	8517	((606/3,8-10,20-26) or (607/88-92, 94) or (128/898)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/07 20:32
S28	5	S23 and S27	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/07 20:14
S29	433562	S27 and 'minimum erythema dose'	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/07 20:15

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S30	13	S27 and (minimum adj erythema adj dose)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/07 20:16
S31	26	("4287554" "4651739" "4930504" "4945908" "5226907" "5304170" "5422093" "5423803" "5425728" "5464436" "5647866" "5669916" "5713845" "5735844" "5752948" "5752949" "5817089" "5925034" "5955490" "6036684" "6063108" "6165170" "6168590" "6183773" "6283956" "6358272").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/07 20:27

	1	Document ID	Title	Current OR
1	X	US 20050015124 A1	Treatment of skin disorders with UV light and cooling	607/94
2	X	US 20060276862 A1	Treatment of skin disorders with UV light and cooling	607/94
3	X	US 20050177208 A1	Device for oral UV photo-therapy	607/94
4	X	US 20020183811 A1	Treatment of skin disorders with UV light and cooling	607/94
5	X	US 7144248, B2	Device for oral UV photo-therapy	433/29
6	X	WO 2055149 A2	CONTROLLED DOSE DELIVERY OF ULTRAVIOLET LIGHT FOR TREATING SKIN DISORDERS	
7	X	US 6709269 B1	Apparatus and method for the processing of solid materials, including hard tissues	433/29
8	X	US 6447537 B1	Targeted UV phototherapy apparatus and method	607/94
9	X	US 6083218 A	Method and apparatus for removing dental caries by using laser radiation	606/10
10	X	US 6413268 B1	Apparatus and method for targeted UV phototherapy of skin disorders	607/94
11	X	US 6171301 B1	Apparatus and method for dynamic cooling of biological tissues for thermal mediated surgery	606/9
12	X	US 5979454 A	Method and apparatus for causing rapid and deep spatially selective coagulation during thermally mediated therapeutic procedures	128/898
13	X	US RE36634 E	Optical system for treatment of vascular lesions	606/9
14	X	US 5830208 A	Peltier cooled apparatus and methods for dermatological treatment	606/9
15	X	US 5820626 A	Cooling laser handpiece with refillable coolant reservoir	606/13
16	X	US 5658323 A	Method and apparatus for dermatology treatment	607/89

	Inventor
1	Irwin, Dean S.
2	Irwin; Dean S.
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7	Altshuler; Gregory B.
8	Hartman; Raymond A.
9	Chou; Mau-Song
10	Hartman; Raymond A.
11	Nelson; J. Stuart et al.
12	Anvari; Bahman et al.
13	Ghaffari; Shahriar
14	Muller; David F.
15	Baumgardner; Jonathan M.
16	Miller; Iain D.

	1	Document ID	Title	Current OR
17	X	US 5595568 A	Permanent hair removal using optical pulses	606/9
18	X	US 20070032844 A1	Targeted UV phototherapy light block	607/88
19	X	US 6663658 B1	Phototherapy method for treatment of acne	607/88
20	X	US 20050143793 A1	Phototherapy for psoriasis and other skin disorders	607/94
21	X	US 20040176824 A1	Method and apparatus for the repigmentation of human skin	607/88
22	X	US 6165170 A	Laser dermablator and dermablation	606/9
23	X	US 6918905 B2	Monolithic irradiation handpiece	606/9
24	X	US 6447503 B1	Laser dermablator and dermablation	606/9
25	X	US 6979327 B2	Treatment of vitiligo	606/9

	Inventor
17	Anderson; R. Rox et al.
18	Levatter; Jeffrey I.
19	Kollias; Nikiforos et al.
20	Korman, Avner et al.
21	Weckwerth, Mark V. et al.
22	Wynne; James Jeffrey et al.
23	Neuberger; Wolfgang
24	Wynne; James Jeffrey et al.
25	Spencer; James M.